

Converting Colors

Yxy(64.6631, 0.3582, 0.2591)

Have a look what the booklet for
Yxy(64.6631, 0.3582, 0.2591)
contains.

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Color

Yxy(55.6128, 0.3230, 0.2501)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7F7
RGB	255, 167, 247
RGB Percent	100%, 65%, 97%
CMY	0.0003, 0.3449, 0.0315
CMYK	0.00, 0.34, 0.03, 0.00
HSL	305°, 100%, 83%
HSV	305°, 34%, 100%
XYZ	71.8230, 55.6128, 94.9264
YIQ	202.4320, 26.7680, 43.5360

Conversions

Conversions Part 2

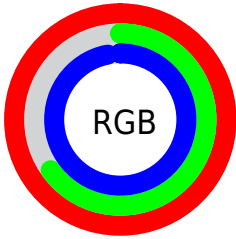
Format	Color
R _Y B	255, 167, 247
Decimal	16754679
CIE Lab	79.39, 44.24, -26.59
CIE LCh	79, 51.619, 328.994
Yxy	55.6128, 0.3230, 0.2501
Android (android.graphics.Color)	4294944759 (0xFFFFA7F7)
YUV	202.4320, 21.9720, 46.1021
Hunter-Lab	74.5740, 41.4108, -23.2694

Details

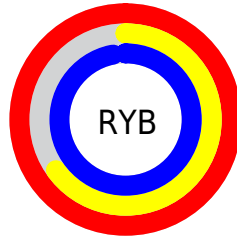
The Yxy color **55.6128, 0.3230, 0.2501** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.7868, 0.3038, 0.4232**, and the grayscale version is **59.1959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **27.3983, 0.3250, 0.2330** is the 20% darker color. If you saturate the color by 10%, you get **47.0327, 0.3266, 0.2284**, and if you desaturate by 10%, it is **66.0406, 0.3197, 0.2730**.

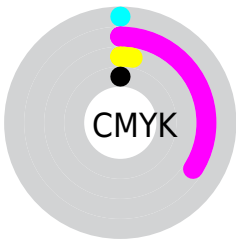
Distribution



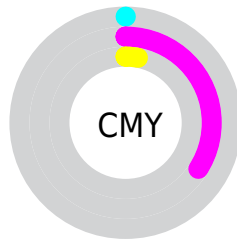
- Red (100%)
- Green (65%)
- Blue (97%)



- Red (100%)
- Yellow (65%)
- Blue (97%)



- Cyan (0%)
- Magenta (34%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6128, 0.3230, 0.2501 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 55.6128, 0.3230, 0.2501 by changing the saturation by 10% instead.


 55.6128, 0.3230,
0.2501

 55.6128, 0.3230,
0.2501


408.2307, 0.3191,
0.2856

 39.8926, 0.3237,
0.2423


 98.4382, 0.3218,
0.2622

 27.4548, 0.3244,
0.2327


 126.3122, 0.3213,
0.2670

 17.9151, 0.3251,
0.2209


159.0062, 0.3209,
0.2711

 10.8890, 0.3258,
0.2059

196.9047, 0.3204,
0.2747

 5.9923, 0.3262,
0.1862

240.3919, 0.3201,
0.2779

 2.8404, 0.3258,
0.1597

289.8524, 0.3197,

 1.0490, 0.3228,

0.2808

0.1226

345.6705, 0.3194,
0.2833

0.0000, 0.3350,
0.0000

0.0000, 0.0000,
0.0000

55.6128, 0.3230,
0.2501

55.6128, 0.3230,
0.2501

47.0327, 0.3266,
0.2284

66.0406, 0.3197,
0.2730

40.1843, 0.3302,
0.2088

78.4084, 0.3166,
0.2962

34.9499, 0.3339,
0.1924

92.8114, 0.3138,
0.3191

31.1942, 0.3375,
0.1800

99.9854, 0.3127,
0.3290

■ 28.7599, 0.3409,
0.1719

■ 27.4539, 0.3440,
0.1683

■ 27.0645, 0.3456,
0.1677

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.6128, 0.2585, 0.2278



55.6128, 0.3230, 0.2501



55.6128, 0.3914, 0.2888

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.6128, 0.3230, 0.2501



55.6128, 0.4144, 0.4332



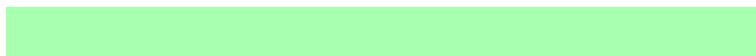
55.6128, 0.2010, 0.2998

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



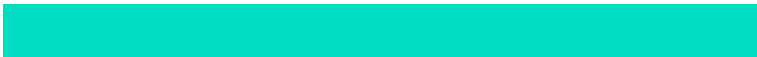
55.6128, 0.3230, 0.2501



82.7868, 0.3038, 0.4232

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6128, 0.2348, 0.3695



55.6128, 0.3230, 0.2501



55.6128, 0.3574, 0.4539

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.6128, 0.3230, 0.2501



55.6128, 0.4459, 0.3887



55.6128, 0.2915, 0.4316



55.6128, 0.1943, 0.2498

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



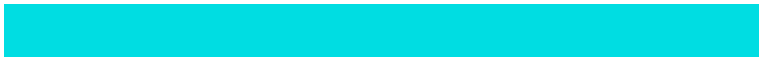
55.6128, 0.3230, 0.2501



55.6128, 0.4267, 0.3206



55.6128, 0.2915, 0.4316



55.6128, 0.2093, 0.3217

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.6153, 0.3230, 0.2501



84.6481, 0.3153, 0.3065



43.9124, 0.2550, 0.2267



17.6924, 0.3157, 0.3033



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.6153, 0.3230, 0.2501



49.8427, 0.3253, 0.2357



53.2447, 0.3604, 0.2912



18.2704, 0.3152, 0.3077



14.1632, 0.3451, 0.1675



1.3870, 0.3420, 0.1658

Inverse Universe

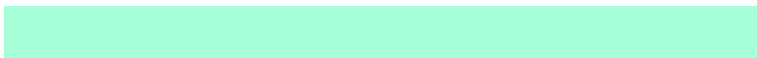
The Inverse Universe completely reimagines the original color for something new.



55.6153, 0.3230, 0.2501



49.8427, 0.3253, 0.2357



84.7700, 0.2815, 0.3707



18.2704, 0.3152, 0.3077



14.1632, 0.3451, 0.1675



1.3870, 0.3420, 0.1658

Previews

White Background



This preview shows how the Yxy color 55.6128, 0.3230, 0.2501 looks on a white background.

Color Contrast Check

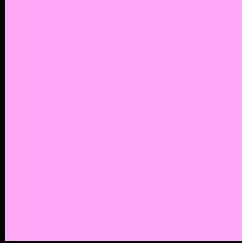
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 55.6128, 0.3230, 0.2501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

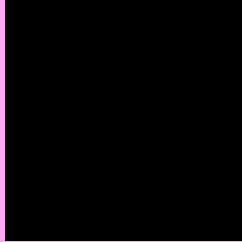
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6128, 0.3230, 0.2501

Background



This preview shows how black text looks on a background with the Yxy color 55.6128, 0.3230, 0.2501.



This preview shows how white text looks on a background with the Yxy color 55.6128, 0.3230, 0.2501.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.6128, 0.3230, 0.2501

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

55.8882, 0.2788, 0.2729



Tritanopia

55.6030, 0.3625, 0.3142

Trichromacy



Original Color

55.6128, 0.3230, 0.2501



Protanomaly

55.1361, 0.2826, 0.2557



Deuteranomaly

55.4116, 0.2939, 0.2636



Tritanomaly

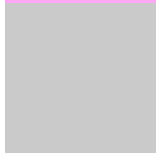
55.5348, 0.3483, 0.2895

Monochromacy



Original Color

55.6128, 0.3230, 0.2501



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

56.8293, 0.3167, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6128, 0.3230, 0.2501 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 167, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 167, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 247) }
```

Border

The CSS property to change the border of an element to Yxy 55.6128, 0.3230, 0.2501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 167, 247) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 167, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 167, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6128, 0.3230, 0.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
167, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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